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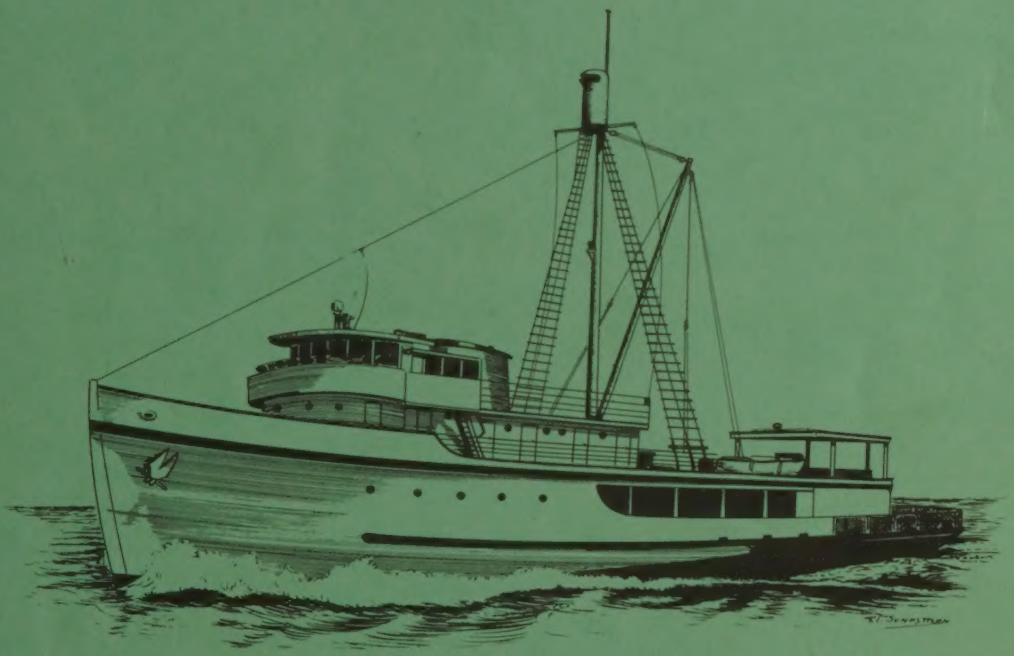
UNITED STATES TUNA FISHERY, 1911 -- 1958



Fishery Leaflet 484

United States Department of the Interior
Fish and Wildlife Service
Bureau of Commercial Fisheries
Washington 25, D. C.

United States Tuna Clipper

Length in Feet	68 to 150
Beam in Feet	20 to 32
Draft in Feet	8.6 to 15.4
Net Tonnage	60 to 300
Construction	Steel or Wood
Engine: Type	Diesel
Horsepower	250 to 1200
Type of Refrigeration	Mechanical or Brine Tanks
Cruising Speed	10 to 12 Knots
Average Crew	9 to 21
Length of Trip	35 to 85 Days
Convertibility to Other Types of Gear	None

Cover: Tuna Clipper

United States Department of the Interior, Fred A. Seaton, Secretary
Fish and Wildlife Service, Arnie J. Suomela, Commissioner
Bureau of Commercial Fisheries, Donald L. McKernan, Director

UNITED STATES TUNA FISHERY, 1911 -- 1958

By

E. A. Power

Chief, Branch of Statistics
Division of Industrial Research and Services

Fishery Leaflet 484
Washington 25, D. C.
April 1959

UNITED STATES TUNA FISHERY, 1911 - 1958

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CATCH OF TUNA

The tunas are one of the United States' leading fishery resources. In 1958, as in the two preceding years, tunas were taken domestically in greater volume than any other foodfish, and they ranked third in the value of the catch. Five species are taken generally by United States fishermen. These are the albacore, bluefin, little, skipjack, and yellowfin. In addition, bonito and yellowtail are packed tuna-style and known as "tunalike fishes". However, they cannot be labeled "tuna".

The taking of impressive quantities of tuna on the Pacific Coast, where most of the United States catch is made, is of comparatively recent origin. Tuna were well known to Southern California anglers prior to the twentieth century. However, the fish were not considered edible and the catches were usually discarded.

Failure of the Pacific sardine to appear in the San Pedro area in 1903 was primarily responsible for the development of the tuna fishery. In an effort to keep his cannery operating, a packer canned 700 cases of tuna which were distributed to wholesalers. Repeat orders were received and, by 1907, a small tuna canning industry began to move out of the experimental stage. By 1914, eleven canneries were operating and the industry was becoming well established. In 1958, a total of 36 canneries in 7 States, American Samoa, Hawaii, and Puerto Rico produced a pack of 277 million pounds of canned tuna and 2 million pounds of bonito and yellowtail. In the same year, 46 million pounds of canned tuna and 12 million pounds of bonito and yellowtail were imported into the United States.

When the tuna fishery first started in Southern California, albacore was the only species taken for canning. However, it was found that runs of albacore were erratic and catches of skipjack, yellowfin, and bluefin were reported in 1916.

The fishery grew rapidly and the catch totaled nearly 100 million pounds in 1930. In 1940 it passed 200 million pounds, and a peak of 390 million pounds was reached in 1950. As the demand for tuna increased, local supplies off Southern California were found to be inadequate and it became necessary for vessels to make voyages south of the Mexican boundary, off Central and South America, where large concontrations of skipjack and yellowfin were available throughout the year. In 1927, for the first time, the catch south of the boundary exceeded production off California. Catches off Central and South America continued to grow rapidly and, in most years since 1947, over 90 percent of the Pacific Coast catch has been taken from waters south of the Mexican border.

Albacore--the only species permitted to be marketed in the United States as white meat tuna--continued to be the principal species taken through 1925. However, after that year the fish nearly disappeared and the catch declined to less than 2,500 pounds in 1933. In 1935, they reappeared in volume off Southern California and, in 1937, were found off the coasts of Washington and Oregon. The catch increased spectacularly, reaching a peak of 72 million pounds in 1950.

Bluefin have been taken by Pacific fishermen in smaller quantities than the other species. In 1958, a record catch of nearly 31 million pounds exceeded the former peak production of 1935 by almost 6 million pounds.

The skipjack--smallest of the commercial tunas--is probably the most abundant. Catches increased steadily after fishermen began taking them in volume in 1918. In 1950, production exceeded 100 million pounds for the first time and has averaged over 114 million pounds annually since that year. Skipjack and yellowfin are taken principally in the same areas by the same boats and type of gear. Therefore, generally speaking, there is a single fishery for the two species.

Yellowfin is the principal tuna taken by Pacific fishermen. Catches first exceeded 100 million pounds in 1939 and, since 1946, have ranged from 119 million pounds to a peak of 199 million. Yellowfin and skipjack are the principal species taken by the large, picturesque tuna clippers or bait boats--vessels which may cost nearly a million dollars and have a carrying capacity of over 600 tons.

A small tuna fishery has been carried on in the North Atlantic for many years. Bluefin is the principal species taken. However, the catch of these fish in any year has not exceeded three million pounds. Little tuna, taken principally in the Middle Atlantic States, have been reported since 1945. The peak production was in 1952, when 747 thousand pounds were landed. Exploratory fishing operations have shown that considerable quantities of yellowfin tuna occur in the Gulf of Mexico and in offshore Atlantic waters. A small fishery for yellowfin has been conducted in the Gulf of Mexico since 1951. The largest catch was made in 1957, when 666 thousand pounds were landed.

TUNA CATCH BY SPECIES, PACIFIC COAST STATES, 1911 - 1958

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	ALBACORE		BLUEFIN		SKIPJACK		YELLOWFIN		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1911	1/ 850	5	-	-	-	-	-	-	1/ 850	5
1912	1/ 3,400	20	-	-	-	-	-	-	1/ 3,400	20
1913	1/ 6,600	53	-	-	-	-	-	-	1/ 6,600	53
1914	1/18,470	222	-	-	-	-	-	-	1/18,470	222
1915	21,074	316	-	-	-	-	-	-	21,074	316
1916	22,899	2/ 800	3/20,540	3/ 700	(3)	(3)	(3)	(3)	43,439	1,500
1917	30,556	2/1,222	1,150	25	420	11	-	-	32,126	1,258
1918	7,265	400	6,240	218	3,024	91	-	-	16,529	709
1919	13,631	845	14,991	(4)	6,897	241	348	(4)	35,867	(4)
1920	18,877	1,982	10,530	(4)	7,957	378	1,965	(4)	39,329	(4)
1921	15,277	1,222	2,032	(4)	1,139	25	1,238	(4)	19,686	(4)
1922	13,232	1,151	2,838	(4)	11,862	270	7,337	(4)	35,269	(4)
1923	12,515	1,627	3,301	(4)	11,463	298	10,837	(4)	38,116	(4)
1924	17,695	1,829	3,241	(4)	3,781	179	3,063	(4)	27,780	(4)
1925	22,207	2,333	3,804	(4)	14,235	752	13,238	(4)	53,484	(4)
1926	2,469	2/ 222	6,527	(4)	20,995	873	12,565	591	42,556	(4)
1927	4,579	517	4,898	312	33,807	1,261	25,934	1,304	69,218	3,394
1928	283	42	13,701	823	15,815	562	32,251	1,774	62,050	3,201
1929	269	40	7,527	490	26,998	1,081	37,399	2,200	72,193	3,811
1930	286	24	21,921	1,238	20,486	790	56,654	3,396	99,347	5,448
1931	37	3	3,534	169	16,507	504	36,580	1,979	56,658	2,655
1932	620	31	1,071	51	21,637	751	36,923	1,505	60,251	2,338
1933	2	(5)	560	29	16,687	613	51,076	2,275	68,325	2,917
1934	121	9	18,358	846	14,830	594	60,913	3,053	94,222	4,502
1935	2,448	200	25,173	1,145	17,197	688	72,252	3,620	117,070	5,653
1936	984	91	18,925	922	26,992	1,191	78,353	4,139	125,254	6,343
1937	3,520	287	12,694	725	47,104	2,319	91,523	5,458	154,841	8,789
1938	17,726	966	17,728	983	22,654	1,133	78,318	4,705	136,426	7,787
1939	18,922	1,009	11,836	602	30,121	1,300	110,418	5,912	171,297	8,823
1940	14,502	996	19,970	1,117	56,650	2,743	113,760	6,707	204,882	11,563
1941	11,932	1,712	9,519	581	25,586	1,362	76,702	4,851	123,739	8,506
1942	23,540	4,566	12,845	1,159	38,735	3,335	41,467	3,836	116,587	12,896
1943	37,518	6,104	10,178	967	28,894	2,583	49,262	4,881	125,852	14,535
1944	52,795	8,666	20,344	1,939	30,037	2,694	63,144	6,269	166,320	19,568
1945	39,483	7,697	20,594	1,984	33,348	2,982	87,448	8,718	180,873	21,381
1946	24,142	4,784	22,032	2,246	41,088	4,283	127,247	14,614	214,509	25,927
1947	26,844	6,780	20,838	3,321	52,749	7,628	153,510	23,919	253,941	41,648
1948	6/49,493	14,659	6,529	1,096	60,554	9,534	199,427	33,406	316,003	58,695
1949	54,794	10,039	4,389	713	80,512	11,923	190,544	30,999	330,239	53,674
1950	7/72,453	13,839	2,762	426	126,786	18,131	187,890	28,823	389,891	61,219
1951	34,491	5,403	3,862	604	116,599	16,655	161,481	24,961	316,433	47,623
1952	52,558	9,146	4,577	733	84,844	10,908	178,819	28,275	320,798	49,062
1953	34,700	6,920	9,773	1,550	122,978	16,943	133,340	21,313	300,791	46,726
1954	26,998	5,426	21,025	3,553	153,756	23,345	119,402	20,575	321,181	52,899
1955	29,738	4,826	13,609	1,941	102,807	13,799	123,208	18,869	269,362	39,435
1956	41,338	7,082	12,626	1,650	123,717	14,189	150,923	20,369	328,604	43,290
1957	46,659	6,732	20,315	2,417	90,821	9,991	137,240	18,194	295,035	37,334
1958 8/	38,000	8,100	30,900	4,000	128,100	15,000	129,000	17,500	326,000	44,600

1/ ESTIMATED ON THE BASIS OF PACK AS REPORTED BY TUNA CANNERS.

2/ ESTIMATED.

3/ THE CATCH OF SKIPJACK AND YELLOWFIN HAS BEEN INCLUDED WITH THAT OF BLUEFIN.

4/ DATA NOT AVAILABLE.

5/ LESS THAN 500 DOLLARS.

6/ INCLUDES 132,000 POUNDS, VALUED AT $32,000 LANDED IN ALASKA.

7/ INCLUDES 39,000 POUNDS, VALUED AT $4,000 LANDED IN ALASKA.

8/ PRELIMINARY.

NOTE:--DATA FROM 1911 TO 1923 BASED ON STATISTICS PUBLISHED BY THE BUREAU OF FISHERIES, THE CALIFORNIA BUREAU OF MARINE FISHERIES (FISH BULLETIN NO. 74), AND THE UNITED STATES TARIFF COMMISSION IN THEIR REPORT TO THE UNITED STATES SENATE ON TUNA FISH, REPORT NO. 109, SECOND SERIES.

TUNA CATCH BY SPECIES AND AREA OF CAPTURE, PACIFIC COAST STATES, 1911 - 1958

(THOUSANDS OF POUNDS)

YEAR	ALBACORE		BLUEFIN		SKIPJACK		YELLOWFIN		TOTAL		
	OFF PACIFIC COAST STATES	OFF LATIN AMERICA	OFF PACIFIC COAST STATES	OFF LATIN AMERICA	OFF PACIFIC COAST STATES	OFF LATIN AMERICA	OFF PACIFIC COAST STATES	OFF LATIN AMERICA	OFF PACIFIC COAST STATES	OFF LATIN AMERICA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1911	1/ 850	-	-	-	-	-	-	-	1/ 850	-	1/ 850
1912	1/ 3,400	-	-	-	-	-	-	-	1/ 3,400	-	1/ 3,400
1913	1/ 6,600	-	-	-	-	-	-	-	1/ 6,600	-	1/ 6,600
1914	1/18,470	-	-	-	-	-	-	-	1/18,470	-	1/18,470
1915	21,074	-	-	-	-	-	-	-	21,074	-	21,074
1916	22,899	-	2/20,540	-	(2)	-	(2)	-	43,439	-	43,439
1917	30,556	-	1,150	-	420	-	-	-	32,126	-	32,126
1918	7,263	2	6,240	-	3,024	-	-	-	16,527	2	16,529
1919	13,551	80	14,991	-	6,882	15	348	-	35,772	95	35,867
1920	18,877	-	10,530	-	7,939	18	1,465	500	38,811	518	39,329
1921	15,275	2	1,972	60	1,139	(3)	1,188	50	19,574	112	19,686
1922	13,232	-	2,811	27	10,117	1,745	1,177	6,160	27,337	7,932	35,269
1923	12,488	27	3,218	83	4,579	6,884	194	10,643	20,479	17,637	38,116
1924	17,280	415	3,241	-	1,356	2,425	619	2,444	22,496	5,284	27,780
1925	21,685	522	3,804	-	8,768	5,467	2,923	10,315	37,180	16,304	53,484
1926	2,469	(3)	6,527	-	14,261	6,734	2,695	9,870	25,952	16,604	42,556
1927	4,455	124	4,898	(3)	5,804	28,003	595	25,339	15,752	53,466	69,218
1928	283	-	13,701	-	4,263	11,552	83	32,168	18,330	43,720	62,050
1929	269	(3)	7,477	50	8,032	18,966	199	37,200	15,977	56,216	72,193
1930	286	-	15,599	6,322	3,015	17,471	36	56,618	18,936	80,411	99,347
1931	37	-	2,358	1,176	11,966	4,541	155	36,425	14,516	42,142	56,658
1932	620	-	460	611	375	21,262	165	36,758	1,620	58,631	60,251
1933	2	-	324	236	(3)	16,687	7	51,069	333	67,992	68,325
1934	121	-	18,292	66	-	14,830	19	60,894	18,432	75,790	94,222
1935	2,387	61	18,496	6,677	1,908	15,289	529	71,723	23,320	93,750	117,070
1936	984	-	13,809	5,116	8,457	18,535	767	77,586	24,017	101,237	125,254
1937	3,520	-	10,822	1,872	1,884	45,220	188	91,335	16,414	138,427	154,841
1938	17,696	30	16,512	1,216	3	22,651	11	78,307	34,222	102,204	136,426
1939	18,918	4	9,319	2,517	2,719	27,402	457	109,961	31,413	139,884	171,297
1940	14,501	1	18,850	1,120	2,985	53,665	238	113,522	36,574	168,308	204,882
1941	11,932	-	8,848	671	4,215	21,371	2	76,700	24,997	98,742	123,739
1942	20,916	2,624	10,332	2,513	218	38,517	1	41,466	31,467	85,120	116,587
1943	28,019	9,499	7,664	2,514	18	28,876	2	49,260	35,703	90,149	125,852
1944	43,020	9,775	16,084	4,260	4	30,033	(3)	63,144	59,108	107,212	166,320
1945	27,221	12,262	14,139	6,455	93	33,255	5	87,443	41,458	139,415	180,873
1946	15,180	8,962	15,529	6,503	1,747	39,341	33	127,214	32,489	182,020	214,509
1947	21,082	5,762	14,756	6,082	893	51,856	3	153,507	36,734	217,207	253,941
1948	4/23,567	25,926	1,694	4,835	319	60,235	(3)	199,427	25,580	290,423	316,003
1949	31,217	23,577	2,266	2,123	27	80,485	10	190,534	33,520	296,719	330,239
1950	5/48,877	23,576	32	2,730	2,281	124,505	6,520	181,370	57,710	332,181	389,891
1951	16,869	17,622	837	3,025	706	115,893	1,235	160,246	19,647	296,786	316,433
1952	25,860	26,698	907	3,670	109	84,735	381	178,438	27,257	293,541	320,798
1953	14,209	20,491	3,904	5,869	669	122,309	1,254	132,086	20,036	280,755	300,791
1954	15,180	11,818	5,648	15,377	14	153,742	-	119,402	20,842	300,339	321,181
1955	10,048	19,690	2,670	10,939	970	101,837	916	122,292	14,604	254,758	269,362
1956	20,274	21,064	2,612	10,014	3,565	120,152	1,642	149,281	28,093	300,511	328,604
1957	25,747	20,912	10,486	9,829	676	90,145	355	136,885	37,264	257,771	295,035
1958 6/	27,800	10,200	15,200	15,700	1,200	126,900	500	128,500	44,700	281,300	326,000

1/ ESTIMATED ON THE BASIS OF PACK AS REPORTED BY TUNA CANNERS.

2/ THE CATCH OF SKIPJACK AND YELLOWFIN HAS BEEN INCLUDED WITH THAT OF BLUEFIN.

3/ LESS THAN 500 POUNDS.

4/ INCLUDES A CATCH OF 132,000 POUNDS LANDED IN ALASKA.

5/ INCLUDES A CATCH OF 39,000 POUNDS LANDED IN ALASKA.

6/ PRELIMINARY.

NOTE:--DATA FROM 1911 TO 1923 BASED ON STATISTICS PUBLISHED BY THE BUREAU OF FISHERIES, THE CALIFORNIA BUREAU OF MARINE FISHERIES (FISH BULLETIN NO. 74), AND THE UNITED STATES TARIFF COMMISSION IN THEIR REPORT TO THE UNITED STATES SENATE ON TUNA FISH, REPORT NO. 109, SECOND SERIES.

TUNA CATCH BY SPECIES, ATLANTIC AND GULF COAST STATES, 1930 - 1958

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	BLUEFIN		LITTLE		SKIPJACK	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1930	296	19	-	-	-	-
1931	321	22	-	-	-	-
1932	315	15	-	-	-	-
1933	444	20	-	-	-	-
1934	(1)	(1)	-	-	-	-
1935	562	16	-	-	-	-
1936	(1)	(1)	-	-	-	-
1937	1,023	36	-	-	-	-
1938	1,823	68	-	-	-	-
1939	949	35	-	-	-	-
1940	1,155	40	-	-	-	-
1941	2/ 1,049	37	-	-	-	-
1942	827	75	-	-	-	-
1943	3/ 480	65	-	-	-	-
1944	829	115	-	-	-	-
1945	1,374	241	302	6	-	-
1946	4/ 1,184	94	4/ 340	10	-	-
1947	1,087	114	662	27	-	-
1948	2,997	214	602	60	-	-
1949	2,738	207	730	52	-	-
1950	1,267	112	296	11	-	-
1951	1,760	131	371	8	-	-
1952	565	58	747	30	5/ 172	21
1953	1,945	123	68	3	-	-
1954	1,428	109	72	3	-	-
1955	897	55	107	4	-	-
1956	458	84	88	5	-	-
1957	1,001	107	33	2	-	-
1958 6/	2,500	200	10	(7)	-	-

YEAR	YELLOWFIN		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE
1930	-	-	296	19
1931	-	-	321	22
1932	-	-	315	15
1933	-	-	444	20
1934	-	-	(1)	(1)
1935	-	-	562	16
1936	-	-	(1)	(1)
1937	-	-	1,023	36
1938	-	-	1,823	68
1939	-	-	949	35
1940	-	-	1,155	40
1941	-	-	1,049	37
1942	-	-	827	75
1943	-	-	480	65
1944	-	-	829	115
1945	-	-	1,676	247
1946	-	-	1,524	104
1947	-	-	1,749	141
1948	-	-	3,599	274
1949	-	-	3,468	259
1950	-	-	1,563	123
1951	5/ 348	45	2,479	184
1952	412	63	1,896	172
1953	-	-	2,013	126
1954	15	2	1,515	114
1955	-	-	1,004	59
1956	332	42	878	131
1957	666	80	1,700	189
1958 6/	600	100	3,110	300

1/ DATA NOT AVAILABLE.
2/ AS A DETAILED SURVEY WAS NOT CONDUCTED IN THE NEW ENGLAND AND MIDDLE ATLANTIC STATES FOR 1941, DATA ON THE BLUEFIN CATCH FOR 1940 HAVE BEEN USED EXCEPT FOR LANDINGS AT BOSTON AND GLOUCESTER, MASSACHUSETTS, AND PORTLAND, MAINE, FOR WHICH 1941 DATA WERE AVAILABLE.
3/ INCLUDES 1942 DATA FOR THE CHESAPEAKE BAY STATES AS NO SURVEY WAS MADE IN THIS AREA IN 1943.
4/ INCLUDES 1945 DATA FOR NEW JERSEY AND DELAWARE AS NO SURVEY WAS MADE IN THESE STATES FOR 1946.
5/ FISH WERE CAUGHT IN THE PACIFIC AREA, BUT LANDED ON THE ATLANTIC OR GULF COASTS.
6/ PRELIMINARY.
7/ LESS THAN 500 DOLLARS.

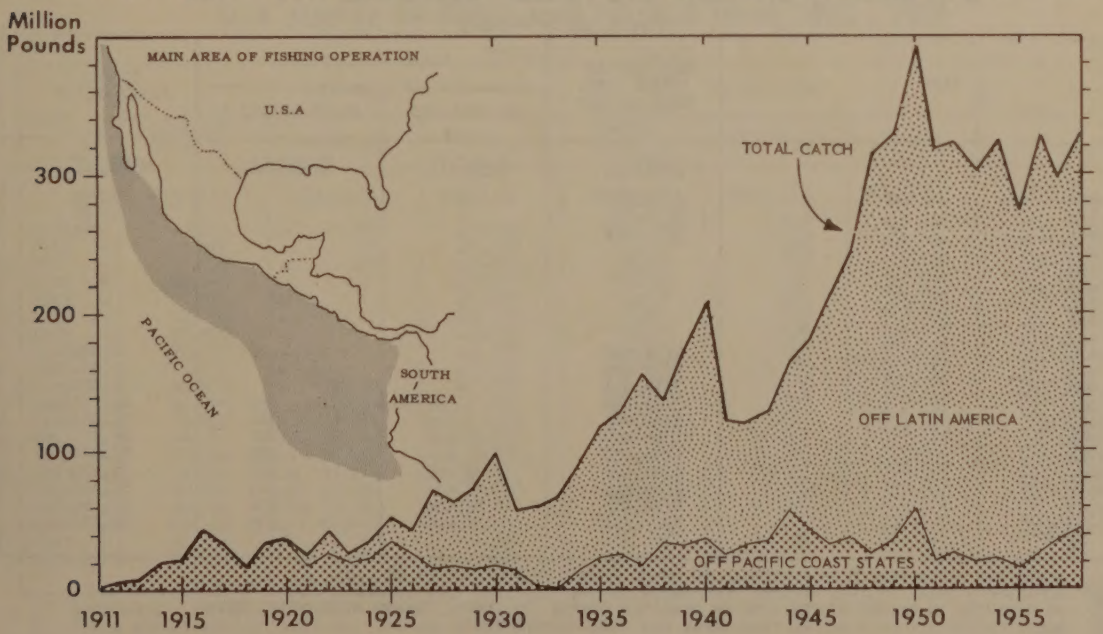
U. S. CATCH OF TUNA, BY SPECIES, 1939 - 1958

(THOUSANDS OF POUNDS)

YEAR	ALBACORE	BLUEFIN	LITTLE	SKIPJACK	YELLOWFIN	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1939	18,922	12,785	-	30,121	110,418	172,246
1940	14,502	21,125	-	56,650	113,760	206,037
1941	11,932	10,569	-	25,585	76,702	124,788
1942	23,540	13,672	-	38,735	41,467	117,414
1943	37,518	10,659	-	28,894	49,261	126,332
1944	52,795	21,173	-	30,037	63,144	167,149
1945	39,483	21,968	302	33,348	87,448	182,549
1946	24,142	23,216	340	41,088	127,247	216,033
1947	26,844	21,925	662	52,749	153,510	255,690
1948	49,493	9,526	602	60,554	199,427	319,602
1949	54,794	7,128	730	80,512	190,543	333,707
1950	72,453	4,029	296	126,786	187,890	391,454
1951	34,491	5,622	371	116,599	161,829	318,912
1952	52,558	5,142	747	85,016	179,231	322,694
1953	34,700	11,718	68	122,978	133,340	302,804
1954	26,998	22,453	72	153,756	119,417	322,696
1955	29,738	14,506	107	102,807	123,208	270,366
1956	41,338	13,084	88	123,717	151,255	329,482
1957	46,659	21,316	33	90,821	137,906	296,735
1958 1/	38,000	33,400	10	128,100	129,600	329,110

1/ PRELIMINARY.
NOTE:--DATA DO NOT INCLUDE LANDINGS OF TUNA IN HAWAII OR PUERTO RICO.

CATCH OF TUNA OFF THE PACIFIC COAST STATES AND LATIN AMERICA, 1911 - 1958



SUPPLY OF TUNA

The consumption of canned tuna in the United States has increased almost continuously since the inception of the domestic industry. The supply--domestic pack plus imports--first exceeded 100 million pounds in 1947. Only three years later, it passed the 200-million-pound level and reached a peak of 323 million pounds in 1958.

While the consumption of tuna in the United States has increased, the United States tuna fleet has been faced with increased competition from imports. The trend has been to obtain an increasing portion of domestic requirements from imports. In 1939, 83 percent of the supply consisted of tuna canned from domestically-caught fish. By 1955, the percentage had declined to only 48.9 and in 1958 had dropped still further to 46.2 percent.

The industry and Governmental agencies concerned with the welfare of the tuna fishery have devoted a great deal of attention to the industry's problems. Detailed tuna catch, pack, import, and supply tabulations have been prepared as the basis for studies of the fishery and for use in presenting the various facets of the tuna problem.

The many sources of tuna data and the necessity of using conversion factors to present information on a similar basis has made it difficult for those concerned with the tuna fishery to assemble comparable catch, pack, and import data. In an effort to eliminate confusion in the use of statistics on the tuna industry, the following tables have been prepared. The data contained in these tables are the official Bureau figures on the total domestic catch, pack, and imports of tuna.

Data on the catch of tuna were obtained from the records of State fishery agencies or collected by the Bureau of Commercial Fisheries. Information on the canned pack was obtained from canners by the Bureau. Basic import statistics were obtained from records of the Bureau of Census, Department of Commerce.

U. S. IMPORTS OF FRESH AND FROZEN ALBACORE, 1939 - 1958

(THOUSANDS OF POUNDS)

YEAR	RECEIVED AS WHOLE FISH, ROUND WEIGHT	LOINS AND DISCS		TOTAL, ROUND WEIGHT
		AS RECEIVED	ROUND WEIGHT 1/	
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1939	2/ 5,202	-	-	5,202
1940	2/ 1,521	-	-	1,521
1941	2/ 554	-	-	554
1942	-	-	-	-
1943	-	-	-	-
1944	-	-	-	-
1945	-	-	-	-
1946	-	-	-	-
1947	-	-	-	-
1948	2/ 2,392	-	-	2,392
1949	2/ 2,839	-	-	2,839
1950	3/ 14,654	-	-	14,654
1951	3/ 32,128	28	63	32,191
1952	3/ 39,680	126	284	39,964
1953	3/ 63,218	445	1,001	64,219
1954	4/ 56,107	810	1,822	57,929
1955	4/ 68,641	2,036	4,581	73,222
1956	4/ 40,229	5,449	12,260	52,489
1957	4/ 65,210	12,434	27,976	93,186
1958 5/	4/ 51,647	4,980	11,205	62,852

1/ LOINS AND DISCS HAVE BEEN CONVERTED TO ROUND WEIGHT BY MULTIPLYING BY 2.25.
2/ REPRESENTS TOTAL IMPORTS OF TUNA FROM JAPAN DURING THE YEARS 1939 THROUGH 1949.
3/ AS REPORTED IN UNITED STATES FOREIGN DESPATCH NUMBER 700, TOKYO, DATED JANUARY 11, 1947.
4/ REPORTED IMPORTS OF ALBACORE FROM JAPAN AND OTHER COUNTRIES.
5/ PRELIMINARY.
NOTE:--DOES NOT INCLUDE RECEIPTS OF TUNA INTO AMERICAN SAMOA.

U. S. IMPORTS OF FRESH AND FROZEN TUNA OTHER THAN ALBACORE, 1939 - 1958

(THOUSANDS OF POUNDS)

YEAR	ADJUSTED IMPORTS MINUS ALBACORE	GILLED AND GUTTED		TOTAL
	ROUND WEIGHT	AS RECEIVED 1/	ROUND WEIGHT 2/	ROUND WEIGHT
	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1939	3/ 1,745	-	-	1,745
1940	3/ 1,545	-	-	1,545
1941	3/ 568	-	-	568
1942	3/ 974	-	-	974
1943	3/ 364	-	-	364
1944	3/ 1,898	-	-	1,898
1945	3/ 1,826	-	-	1,826
1946	3/ 1,428	-	-	1,428
1947	3/ 2,649	-	-	2,649
1948	3/ 2,994	-	-	2,994
1949	3/ 7,097	-	-	7,097
1950	3/28,884	-	-	28,884
1951	3/26,935	-	-	26,935
1952	29,547	-	-	29,547
1953	31,901	-	-	31,901
1954	63,362	4,235	4,743	68,105
1955	32,595	44,010	49,291	81,886
1956	21,505	58,506	65,527	87,032
1957	24,697	49,382	55,308	80,005
1958 4/	42,332	5/103,982	129,557	171,889

1/ PARTLY ESTIMATED.
2/ CONVERTED TO ROUND WEIGHT BY MULTIPLYING GILLED AND GUTTED BY 1.12, DRESSED BY 1.25 AND FILLETS BY 2.
3/ DURING THE YEARS FROM 1939 TO 1951 IT IS ESTIMATED THAT ONLY 10 PERCENT OF THE RECEIPTS FROM COSTA RICA AND 40 PERCENT OF THOSE FROM THE CANAL ZONE REPRESENTED ACTUAL IMPORTS.
4/ PRELIMINARY.
5/ INCLUDES IMPORTS OF DRESSED TUNA AND FILLETS.
NOTE:--DOES NOT INCLUDE RECEIPTS OF TUNA INTO AMERICAN SAMOA.

U. S. SUPPLY OF FRESH AND FROZEN TUNA, 1939 - 1958

(THOUSANDS OF POUNDS)

YEAR	ALBACORE			OTHER TUNA			TOTAL
	DOMESTIC CATCH 1/	IMPORTS 2/	TOTAL	DOMESTIC CATCH 1/	IMPORTS 2/	TOTAL	
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1939	18,922	5,202	24,124	153,324	1,745	155,069	179,193
1940	14,592	1,521	16,023	191,535	1,545	193,080	209,103
1941	11,932	554	12,486	112,856	568	113,424	125,910
1942	23,540	-	23,540	93,874	974	94,848	118,388
1943	37,519	-	37,519	88,814	364	89,178	126,696
1944	52,795	-	52,795	114,354	1,898	116,252	169,047
1945	39,483	-	39,483	143,066	1,826	144,892	184,375
1946	24,142	-	24,142	191,891	1,428	193,319	217,461
1947	26,844	-	26,844	228,846	2,649	231,495	258,339
1948	49,493	2,392	51,885	270,109	2,994	273,103	324,988
1949	54,794	2,739	57,533	278,913	7,097	286,010	343,643
1950	72,453	14,654	87,107	319,001	28,884	347,885	434,992
1951	34,491	32,191	66,682	284,421	26,935	311,356	378,038
1952	52,558	39,964	92,522	270,136	29,547	299,683	392,205
1953	34,700	64,219	98,919	268,104	31,901	300,005	398,924
1954	26,998	57,929	84,927	295,698	68,105	363,803	448,730
1955	29,738	73,222	102,960	240,628	81,886	322,514	425,474
1956	41,333	52,479	93,812	288,144	87,032	375,176	469,003
1957	46,699	93,196	139,895	250,076	80,005	330,081	469,926
1958 3/	38,000	62,052	100,052	291,110	171,889	462,999	563,851

1/ DATA DO NOT INCLUDE THE CATCH LANDED IN HAWAII OR PUERTO RICO.
2/ ROUND WEIGHT BASIS. DOES NOT INCLUDE RECEIPTS INTO AMERICAN SAMOA.
3/ PRELIMINARY.

U. S. SUPPLY OF CANNED TUNA, 1939 - 1958

(THOUSANDS OF POUNDS)

YEAR	UNITED STATES PACK					IMPORTED CANNED		TOTAL
	FROM DOMESTIC CATCH		FROM IMPORTED FISH 1/		TOTAL			
	QUANTITY	PERCENT	QUANTITY	PERCENT	QUANTITY	QUANTITY	PERCENT	QUANTITY
1939	66,685	83.0	3,559	4.4	70,244	2/10,126	12.6	80,370
1940	80,389	89.8	1,455	1.6	81,844	2/ 7,678	8.6	89,522
1941	51,634	93.0	532	1.0	52,166	2/ 3,332	6.0	55,498
1942	47,854	98.4	390	.8	48,244	2/ 412	.8	48,656
1943	51,022	98.7	146	.3	51,168	2/ 511	1.0	51,679
1944	68,374	94.6	759	1.0	69,133	2/ 3,163	4.4	72,296
1945	86,509	93.5	730	.8	87,239	2/ 5,252	5.7	92,491
1946	89,647	94.4	571	.6	90,218	2/ 4,739	5.0	94,957
1947	107,446	93.7	1,060	.9	108,506	2/ 6,148	5.4	114,654
1948	129,554	92.2	2,603	1.9	132,157	2/ 8,302	5.9	140,459
1949	134,032	93.6	4,613	3.2	138,645	4,584	3.2	143,229
1950	152,693	73.6	20,769	9.9	173,462	36,791	17.5	210,253
1951	125,816	74.7	29,549	17.6	155,365	12,971	7.7	168,336
1952	140,200	70.6	34,951	17.6	175,151	23,321	11.8	198,472
1953	135,908	61.8	49,570	22.5	185,478	34,592	15.7	220,070
1954	148,842	60.9	64,166	26.2	213,008	31,589	12.9	244,597
1955	113,441	48.9	82,971	35.8	196,412	35,563	15.3	231,975
1956	152,414	56.9	77,031	28.8	229,445	38,215	14.3	267,660
1957	139,670	50.5	92,786	33.5	232,456	44,386	16.0	276,842
1958 3/	149,361	46.2	127,770	39.5	277,131	46,201	14.3	323,332

1/ INCLUDES PACK CANNED IN AMERICAN SAMOA.
2/ INCLUDES BONITO AND YELLOWTAIL.
3/ PRELIMINARY.
NOTE:--THE UNITED STATES PACK OF CANNED TUNA INCLUDES THE PRODUCTION IN CONTINENTAL UNITED STATES, HAWAII, PUERTO RICO, AND AMERICAN SAMOA.

U. S. IMPORTS OF CANNED TUNA, 1939 - 1958

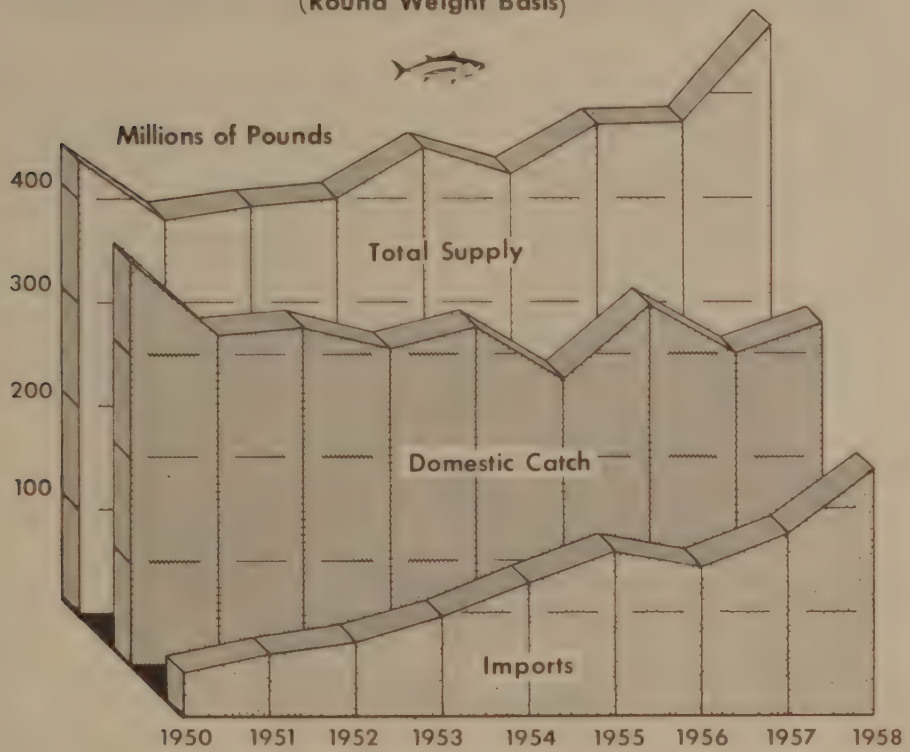
(THOUSANDS OF POUNDS)

YEAR	CANNED IN OIL	CANNED IN BRINE	TOTAL
	QUANTITY	QUANTITY	QUANTITY
1939	1/10,126	-	1/10,126
1940	1/ 7,678	-	1/ 7,678
1941	1/ 3,332	-	1/ 3,332
1942	1/ 412	-	1/ 412
1943	1/ 511	-	1/ 511
1944	1/ 3,163	-	1/ 3,163
1945	1/ 5,252	-	1/ 5,252
1946	1/ 4,739	-	1/ 4,739
1947	1/ 6,148	-	1/ 6,148
1948	1/ 8,289	13	8,302
1949	4,505	79	4,584
1950	36,410	381	36,791
1951	3,619	9,352	12,971
1952	4,288	19,033	23,321
1953	4,712	29,880	34,592
1954	1,111	30,478	31,589
1955	818	34,745	35,563
1956	586	37,629	38,215
1957	1,068	43,318	44,386
1958 2/	756	45,445	46,201

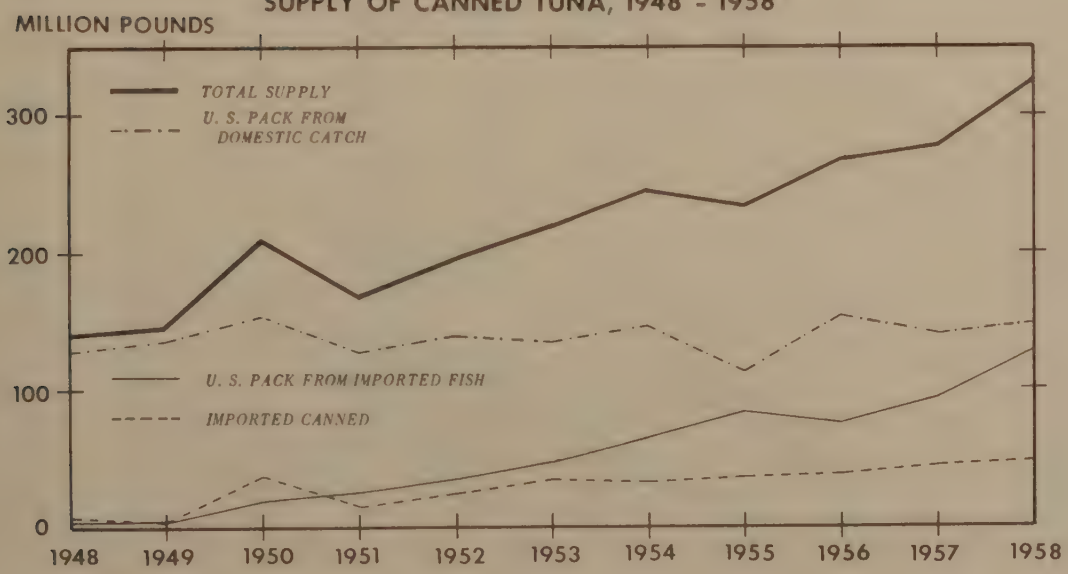
1/ PRIOR TO 1948 IMPORTS OF BONITO AND YELLOWTAIL WERE INCLUDED WITH THOSE OF TUNA. IN 1948 PART OF THE BONITO AND YELLOWTAIL RECEIVED WAS INCLUDED WITH TUNA.
2/ PRELIMINARY.

UNITED STATES SUPPLY OF FRESH AND FROZEN TUNA, 1950 - 1958

(Round Weight Basis)



SUPPLY OF CANNED TUNA, 1948 - 1958



CATCH AND SUPPLY OF BONITO AND YELLOWTAIL

The bonito is related to both the mackerel and the tuna. In California, where the major portion of of the domestic catch is made, bonito is often taken by tuna fishermen and canned tuna-style. However, Federal regulations prohibit labeling the pack "tuna." Instead, the labels must bear the designation "bonito." The peak catch of bonito occurred in 1947, when 14 million pounds were landed in California. The average catch has been far below that amount. The 5 million pounds of bonito landed in California during 1958 were considerably more than the 161 thousand pounds average annual catch taken during the three years from 1955 to 1957.

The Pacific yellowtail is considered a tunalike fish, and, like bonito, the canned pack is included in statistics showing the production of "tuna and tunalike fishes." However, yellowtail are not tuna, but members of the jack family (Carangidae), which includes the jack mackerel, the scad, and many other tropical species. They cannot be labeled "tuna" but must be designated "yellowtail." Yellowtail are an important sport fish in southern California and most of the catch north of the Mexican border is made by sportsmen. The record catch of yellowtail occurred in 1918, when 12 million pounds were taken. In recent years the catch has declined sharply and, in the years from 1955 to 1958 inclusive, has averaged only 386 thousand pounds.

BONITO AND YELLOWTAIL CATCH, PACIFIC COAST STATES, 1915 - 1958

(THOUSANDS OF POUNDS AND THOUSANDS OF DOLLARS)

YEAR	BONITO		YELLOWTAIL		TOTAL	
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE
1915	448	13	1,343	31	1,791	44
1916	480	(1)	1,153	(1)	1,633	(1)
1917	889	(1)	2,746	(1)	3,635	(1)
1918	2,442	(1)	11,515	(1)	13,957	(1)
1919	3,509	(1)	5,005	(1)	8,514	(1)
1920	874	(1)	2,705	(1)	3,579	(1)
1921	325	(1)	2,491	(1)	2,816	(1)
1922	958	(1)	3,414	(1)	4,372	(1)
1923	1,115	(1)	3,980	(1)	5,095	(1)
1924	1,038	29	4,714	375	5,752	404
1925	867	26	3,180	272	4,047	298
1926	3,079	93	5,023	266	8,102	359
1927	1,717	50	4,225	195	5,942	245
1928	2,088	68	2,684	139	4,772	207
1929	2,919	98	3,075	150	5,994	248
1930	5,164	167	4,770	210	9,934	377
1931	3,080	49	2,526	84	5,606	133
1932	2,862	53	1,796	51	4,658	104
1933	2,252	40	3,899	88	6,151	128
1934	3,203	77	2,347	79	5,550	156
1935	7,896	229	8,149	234	16,045	463
1936	7,216	221	10,092	299	17,308	520
1937	7,808	286	5,371	212	13,179	498
1938	7,753	286	6,812	253	14,565	539
1939	9,919	321	2,866	96	12,785	417
1940	5,291	196	5,957	203	11,248	399
1941	10,827	459	9,831	383	20,658	842
1942	1,651	115	2,726	193	4,377	308
1943	2,282	182	4,935	369	7,217	551
1944	816	69	2,955	234	3,771	303
1945	2,714	217	3,534	292	6,248	509
1946	5,626	536	4,562	374	10,188	910
1947	13,697	1,606	9,953	1,124	23,650	2,730
1948	9,135	1,062	10,446	1,163	19,581	2,225
1949	1,830	178	7,320	686	9,150	864
1950	696	68	3,530	314	4,226	382
1951	777	74	4,670	443	5,447	517
1952	2,142	206	9,447	874	11,589	1,080
1953	3,103	303	5,212	490	8,315	793
1954	2,319	180	1,657	139	3,976	319
1955	137	8	164	13	301	21
1956	128	7	371	32	499	39
1957	219	13	509	36	728	49
1958 2/	5,400	231	500	32	5,900	263

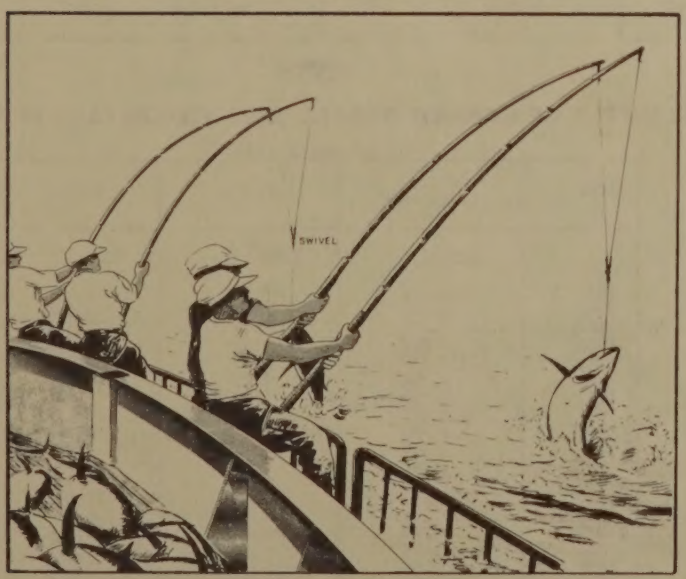
1/ DATA NOT AVAILABLE.
2/ PRELIMINARY.
NOTE:--DATA FROM 1916 TO 1922 ARE FROM CALIFORNIA BUREAU OF MARINE FISHERIES, FISH BULLETIN NO. 74.

U. S. IMPORTS OF CANNED BONITO AND YELLOWTAIL, 1948 - 1958

(THOUSANDS OF POUNDS)

YEAR	CANNED IN OIL	CANNED IN BRINE	TOTAL
	QUANTITY	QUANTITY	QUANTITY
1948	(1)	(1)	2/ 306
1949	(1)	(1)	8,054
1950	(1)	(1)	8,135
1951	(1)	(1)	10,437
1952	(1)	(1)	13,812
1953	(1)	(1)	10,242
1954	12,996	2,375	15,371
1955	11,725	3,589	15,314
1956	10,409	3,210	13,619
1957	11,608	3,905	15,513
1958 3/	9,761	2,733	12,494

1/ DATA ON PACKED IN OIL AND IN BRINE NOT SHOWN SEPARATELY.
2/ PRIOR TO 1948 IMPORTS OF BONITO AND YELLOWTAIL WERE INCLUDED WITH THOSE OF TUNA. IN 1948 PART OF THE BONITO AND YELLOWTAIL RECEIVED WAS INCLUDED WITH TUNA.
3/ PRELIMINARY.
NOTE:--IMPORTS OF BONITO AND YELLOWTAIL IN OIL INCLUDE THE WEIGHT OF THE IMMEDIATE CONTAINER.



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BONITO AND YELLOWTAIL CATCH BY AREA OF CAPTURE, PACIFIC COAST STATES, 1923 - 1958

(THOUSANDS OF POUNDS)

YEAR	BONITO		YELLOWTAIL		TOTAL		
	OFF CALIFORNIA	OFF LATIN AMERICA	OFF CALIFORNIA	OFF LATIN AMERICA	OFF CALIFORNIA	OFF LATIN AMERICA	TOTAL
	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
1923	479	636	2,969	1,011	3,448	1,647	5,095
1924	836	202	2,863	1,851	3,699	2,053	5,752
1925	771	96	2,587	593	3,358	689	4,047
1926	2,900	179	3,173	1,850	6,073	2,029	8,102
1927	1,120	597	1,436	2,789	2,556	3,386	5,942
1928	1,318	770	1,297	1,387	2,615	2,157	4,772
1929	594	2,325	850	2,225	1,444	4,550	5,994
1930	3,866	1,298	1,215	3,555	5,081	4,853	9,934
1931	3,015	65	1,708	818	4,723	883	5,606
1932	1,711	1,151	1,024	772	2,735	1,923	4,658
1933	1,967	285	1,233	2,666	3,200	2,951	6,151
1934	3,003	200	211	2,136	3,214	2,336	5,550
1935	2,264	5,632	582	7,567	2,846	13,199	16,045
1936	2,217	4,999	254	9,838	2,471	14,837	17,308
1937	5,707	2,101	224	5,147	5,931	7,248	13,179
1938	4,598	3,155	246	6,566	4,844	9,721	14,565
1939	6,697	3,222	262	2,604	6,959	5,826	12,785
1940	3,553	1,738	329	5,628	3,882	7,366	11,248
1941	7,851	2,976	96	9,735	7,947	12,711	20,658
1942	862	789	55	2,671	917	3,460	4,377
1943	802	1,480	33	4,902	835	6,382	7,217
1944	326	490	28	2,927	354	3,417	3,771
1945	340	2,374	29	3,505	369	5,879	6,248
1946	583	5,043	31	4,531	614	9,574	10,188
1947	384	13,313	104	9,849	488	23,162	23,650
1948	215	8,920	247	10,199	462	19,119	19,581
1949	99	1,731	18	7,302	117	9,033	9,150
1950	34	662	6	3,524	40	4,186	4,226
1951	54	723	14	4,656	68	5,379	5,447
1952	7	2,135	51	9,396	58	11,531	11,589
1953	19	3,084	14	5,198	33	8,282	8,315
1954	219	2,100	12	1,645	231	3,745	3,976
1955	40	97	5	159	45	256	301
1956	23	105	19	352	42	457	499
1957	110	109	151	358	261	467	728
1958 1/	5,100	300	100	400	5,200	700	5,900

1/ PRELIMINARY.

U. S. SUPPLY OF CANNED BONITO AND YELLOWTAIL, 1939 - 1958

(THOUSANDS OF POUNDS)

YEAR	UNITED STATES PACK	IMPORTS	TOTAL
	QUANTITY	QUANTITY	QUANTITY
1939	4,744	(1)	4,744
1940	4,049	(1)	4,049
1941	7,714	(1)	7,714
1942	1,664	(1)	1,664
1943	2,717	(1)	2,717
1944	1,052	(1)	1,052
1945	1,739	(1)	1,739
1946	3,670	(1)	3,670
1947	8,963	(1)	8,963
1948	7,525	1/ 306	7,831
1949	3,056	8,054	11,110
1950	1,332	8,135	9,467
1951	1,961	10,437	12,398
1952	4,266	13,812	18,078
1953	3,226	10,242	13,468
1954	1,446	15,371	16,817
1955	88	15,314	15,402
1956	125	13,619	13,744
1957	220	15,513	15,733
1958 2/	2,107	12,494	14,601

1/ PRIOR TO 1948 IMPORTS OF BONITO AND YELLOWTAIL WERE INCLUDED WITH THOSE OF TUNA. IN 1948 PART OF THE BONITO AND YELLOWTAIL RECEIVED WAS INCLUDED WITH TUNA.
2/ PRELIMINARY.